Avid® Editing Application

ReadMe for Media Composer® | Software v8.3.1

Revision History

Date	Description
March 10, 2015	Updated Fixed in 8.3.1 to list fixed bug MCDEV-2557.

IMPORTANT: Avid periodically makes software updates available for download on Avid.com at the following location:www.avid.com/us/support/downloads. Please check the above site regularly for information on available downloads for your product.

Important Information

Avid® recommends that you read all the information in this ReadMe file thoroughly before installing or using any new software release.

Important: Search the Avid Knowledge Base for the most up-to-date ReadMe file, which contains the latest information that might have become available after the documentation was published.

This document describes compatibility issues with previous releases, software installation instructions, hardware and software requirements, and summary information on system and memory requirements. This document also lists hardware and software limitations.

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New in Media Composer v8.3.1

For information on new features, see the What's New v8.3.1.

Media Composer v8.3.x Not Supported in an Interplay Environment: This version of Media Composer is not supported in an Interplay environment. Please ignore all references to Interplay in the High-Resolution Workflow Guide and Media Composer help.

For a list of versions that are currently supported, see this Knowledge Base article on compatibility.

Fixed in 8.3.1

The following have been fixed:

- **Bug Number:** MCDEV-2557. In some instances you could not change the Sequence TC or Aux TC in bin columns from drop frame to non-drop frame.
- **Bug Number:** MCCET-334. Performing a QuickTime® Reference export with a sequence containing mixed edit rates did not ignore disabled tracks.
- **Bug Number:** MCCET-127. When working with Canon 300 spanned files, transcoding the AMA clip with the "Apply color transformation (compatibility mode)" enabled does not apply the changes to the second spanned clip.
- **Bug Number:** MCCET-384. Entering the "MonCon" Console command resulted in a "segmentation fault" error.
- **Bug Number:** MCCET-284. You might have received an "Exception: VDM3_VideoProducer.: ExecuteRequest" error when capturing 720 from an AJA I/O device.
- **Bug Number:** MCCET-387. Copying text from a column using Ctrl+C did not copy the text.
- **Bug Number:** MCCET-154. You might have received an assertion error when AMA linking to an XDCAM file greater than 2GB.
- **Bug Number:** MCCET-292. In some instances, a background transcode failed if the sequence contained effects or an alpha channel.
- **Bug Number:** MCCET-423. Broadcast WAV files with audio on tracks other than A1 would go offline if Dynamic Relink was enabled.

- **Bug Number:** MCCET-287. AMA linking to a QuickTime 4:4:4 file created in Resolve resulted in an “AMA Plug-In Unable to Provide Sample” error.
- **Bug Number:** MCCET-182. The wrong camera displayed in the Record monitor during playback if you changed cameras with a rendered Title in the sequence.
- **Bug Number:** UDevC00185780. Link Selection in the Timeline did not work with cross frame-rate transcoded clips.
- **Bug Number:** UDevC00184196. You might have received “XDCAM: Insufficient free space” errors when exporting XDCAM OP1a to an UNC path.
- **Bug Number:** MCCET-182. The wrong camera displayed in the Record monitor during playback if you changed cameras with a rendered Title in the sequence.
- **Bug Number:** MCCET-356. SubCap did not display certain international characters correctly.
- **Bug Number:** MCCET-383. Chinese characters appeared as question marks in a SubCap effect.
- **Bug Number:** MCCET-313. (NewsCutter) Changing the Master Fader removed clips from the Timeline.
- **Bug Number:** MCCET-420. In some instances, exporting as QuickTime Reference resulted in audio looping.
- **Bug Number:** MCCET-371. A Normalize effect took a long time to render.
- **Bug Number:** MCCET-410. Opening the Effect Editor from the Tools menu might have resulted in a “MonPane:: SetComposition” error.
- **Bug Number:** . For larger than HD projects, “Same as Source” export was not available.
- **Bug Number:** . DNxHR was not available as a QuickTime option.

New in Media Composer v8.3

For information on new features, see the What's New v8.3.

Any customer that has previously activated a v8 license will need to re-activate their current license when they want to upgrade to Media Composer v8.3 or higher. Dongle customers will also need to re-update their dongle. For more information, please see the Media Composer | Software Support Contract License Update FAQ knowledge base article.

Changed in Media Composer v8.3

- Mojo hardware does not support projects with RGB. You will receive the message "Current hardware is not compatible with this project's settings and is being switched to inactive."
- Media Composer has been qualified with Mac OS v10.10.2.
- ATTO drivers are no longer installed with the editing application. To use the latest drivers, visit www.Attotech.com.

Before Installing the Editing Application

Media Composer Release Date

With the December 2014 release of Media Composer | Software v8.3, Avid Advantage Upgrade & Support plan information will be included in a customer's Media Composer license. In addition, each build (release) of Media Composer will be marked with its release date. Media Composer will compare the active contract dates in the license to the release date of the software to ensure they are compatible. If the release date is within the contract dates, the software will run; if it is outside the contract dates (i.e. the contract has expired), the software will not run. For more information, please see the Media Composer | Software Support Contract License Update FAQ knowledge base article.

This does not apply to subscriptions of Media Composer | Software. Software subscriptions require a check every 30 days to ensure upgrade eligibility, therefore including the support dates on a subscription license is not required.

Application Manager and Media Composer Compatibility

A licensing database is created when you first launch Media Composer or when you first launch Application Manager. With the release of Application Manager v2.2 and Media Composer v8.3, the way in which the licensing database is created has changed. Media Composer v8.3 is compatible with Application Manager v2.2. However, if you update to Application Manager

v2.2 and attempt to launch a version of Media Composer prior to v8.3 and you had deleted the license database before launching Application Manager v2.2, the editing application will not launch. If you experience this, you can do one of the following:

- Uninstall Application Manager v2.2. Uninstall and Reinstall the Media Composer version (prior to v8.3). The earlier version of the editing application will install a compatible Application Manager.
- Upgrade to Media Composer v8.3.

Support with Media Composer | Cloud

The Media Composer editing application v8.3 has not been qualified in a Media Composer | Cloud environment. If you are using Media Composer | Cloud, Avid recommends that you do not update to Media Composer v8.3.

Installation Information

Read through the *Installation Guide for Avid Editing Applications*. This document is available on the Knowledge Base.

If you are upgrading from v7.x to v8.x, you must uninstall the Avid Transcode Service and the Avid Editing application. Beginning with version 8.0 of the editing application, the Transcode Service is included as part of the editing application and is no longer a separate program. When you uninstall Media Composer v8.0, a separate uninstall of Transcode service is no longer necessary.

Buffer Error Message

Avid recommends a minimum of 8GB RAM. If you try to launch the editing application on a system with less than 8GB RAM, on some systems, you might receive an "m_pPrimaryBufferPtr" error and the application will not launch.

Supported Systems Message

A new message has been added to this release that detects if you are installing on an unsupported system: "Your system does not support this version of Media Composer | Software. Please consult the Specifications information on Avid.com for supported configurations. Media Composer | Software installation will be aborted."

Media Composer 8.3 systems require a micro architecture that supports the SSE 4.1 CPU Instruction set. Most systems shipped since 2008 with four or more processor cores, i.e. Quad core, will include this functionality. Systems shipped before 2008 are not likely to support this functionality and Media Composer will fail to install.

If you receive the message, go here to review system requirements.

Sentinel Error Message

(MCDEV-2394) On a Windows 7 system, if a “Failed to add Sentinel64.cat file.” error appears during the installation, you can safely click OK to continue with the installation. Dongle activation will work properly.

Download Note

To avoid “File Path too long” or a “File cannot be copied” warning while unzipping the downloaded installer, try placing the installer .zip on the root level of your C:\ drive and unzip it from that location.

User Right to Raise Thread Priority

(Windows) Note for Domain Administrators: If your editing systems are part of a domain, you must give the user the right to “Increase Scheduling Priority.” This must be done within the Domain Group Policy on the domain controller by giving the right explicitly to the user or giving the right to a group and adding the user to that group. You will not be able to launch as a regular user if this is not set properly.

If you are part of a domain, a Domain Administrator should install and perform the first launch of the editing application.

Install as Administrator

You need to first install and launch the editing application as an Administrator. If you are in a Shared Storage environment, mount your workspaces as an Administrator. You may then log off and log back in as a Standard user, if necessary.

After Installing the Editing Application

AMA Plug-Ins

You cannot install the AMA Plug-ins while the editing application background services are running. Make sure you Stop the services before installing the AMA Plug-Ins. The stop/start background services icon is on the menu bar (Macintosh) or taskbar (Windows). Once you install the new AMA plug-in, restart the services. See “Starting and Stopping Avid Background Services” in the Help.

Open I/O

For 3rd-Party Open IO hardware qualification refer to the manufacturer’s documentation. See the Open IO Frequently Asked Questions document on the Knowledge Base:
http://avid.force.com/pkb/articles/en_US/faq/en422991

Notes on Windows

Note the following topics if you are running the editing application on the Windows OS.

Disabling Desktop Compositing

When the Avid editor is launched you might see a dialog box asking you to disable desktop compositing. You can disable it without adversely affecting the Avid editing application.

You can choose to disable it and continue with your editing session. The dialog will appear once you relaunch the application unless you disable the option.

To disable the desktop compositing:

1. Access the Control Panel.
2. Double-click System.
3. Click Change Settings.
4. Click the Advanced tab.
5. Under the Performance area, click Settings.
6. Uncheck “Enable desktop composition.”

   The dialog box requesting you to disable desktop compositing does not appear the next time you launch the editing application.

Notes on Software Licensing

If You Upgrade Your Operating System

If you need to upgrade your operating system after you install your Avid editing application, first deactivate your software. After you upgrade your operating system and, if required, reinstall your application, you can reactivate your software. For information on activating and deactivating your software license, see the *Installation Guide for Avid Editing Applications*.

Minimum RAM Recommendation

For this release Avid recommends a minimum of 8GB of RAM. Some features might require more RAM and specific hardware. See “Feature Performance” on page 25 for more info.

Qualified Hardware and Operating Systems

Some features are processor-intensive and require specific hardware. See “Feature Performance” on page 25 for more info.

Depending upon your hardware the qualified Operating Systems are:

- Windows v7 64-bit SP1(Professional) and Windows v8.1 (Professional and Enterprise)
- Macintosh v10.8.5, v10.9.5, v10.10.2

Macintosh OS Permission Information

As of Macintosh OS 10.7 Lion, the default permissions for the root level of the system drive are now set to “Read Only” for all users. This prevents the Avid Editing Application from being able to use this drive as a media drive. You will see the drive grayed out in Media Creation settings or as an option for import, mixdown, render, and consolidate/transcode.

If you don’t intend to use the system drive for media you can leave it alone. This is ideal in most cases.

If you do need to use the system drive, perform the following to change permissions.

To change permissions:

1. Click on your system drive (Macintosh HD in most cases) to highlight.
2. From the File menu select Get Info (cmd+I)
3. Click the lock icon in the bottom right to make changes
4. Click on the “Read only” text in the Privilege column next to Everyone and set the privilege to “Read & Write”

   You should now be able to see the system drive as a valid media drive.

If you repair permissions on the system drive, they will reset and you will have to repeat this procedure.

Macintosh v10.8.x and AVCHD

If you are working with AVCHD and have Macintosh v10.8.x (Mountain Lion) OS installed in your system, the AVCHD folder will appear as a QuickTime icon. When performing an AMA Link, you must right+click the AVCHD QuickTime icon and select Show Package Contents. Then you can see the BDV folder. Right +click the BDV folder and select Show Package Contents. Then you can see the files needed to perform an AMA Link.

Qualified Workstations and Laptops

The following tables list the qualified workstations and laptops for Media Composer editing applications.

Qualified PC Workstations with Avid Media Composer

The following PC Workstations are qualified with Avid Media Composer.

Qualified PC Hardware	Graphics Card	Supported with
HP Z840 Dual [6, 8, or 12 core 2.3 Ghz or higher] 16/32/64 GB DDR4-2133 memory	NVIDIA K4200 or K5200	Software Only Nitris DX Mojo DX
Dell 7910 Dual [6, 8, or 12 core 2.3 Ghz or higher] 16/32/64 GB DDR4-2133 memory	NVIDIA K4200 or K5200	Software Only Nitris DX Mojo DX
Dell 7810 Dual [6, 8, or 12 core 2.3 Ghz or higher] 16/32/64 GB DDR4-2133 memory	NVIDIA K4200 or K5200	Software Only Nitris DX Mojo DX
Lenovo P900 Dual [6, 8, or 12 core 2.3 Ghz or higher] 16/32/64 GB DDR4-2133 memory	NVIDIA K4200 or K5200	Software Only Nitris DX Mojo DX
Lenovo P700 Dual [6, 8, or 12 core 2.3 Ghz or higher] 16/32/64 GB DDR4-2133 memory	NVIDIA K4200 or K5200	Software Only Nitris DX Mojo DX
HP Z820 Dual 6-core E5-2630V2 2.6 Ghz, 8 core E5-2650V2 2.6 Ghz, or 12 core E5-2695V2 2.4 Ghz 16/32 GB DDR3-1866 memory	K4000	Software Only Nitris DX Mojo DX
Dell T7610 Dual 6-core E5-2630V2 2.6 Ghz, 8 core E5-2650V2 2.6 Ghz, or 12 core E5-2695V2 2.4 Ghz 16/32 GB DDR3-1866 memory	K4000	Software Only Nitris DX Mojo DX
Dell T5610 Dual 6-core E5-2630V2 2.6 Ghz, 8 core E5-2650V2 2.6 Ghz, or 12 core E5-2695V2 2.4 Ghz 16/32 GB DDR3-1866 memory	K4000	Software Only Nitris DX Mojo DX
Lenovo D30 Dual 6-core E5-2630V2 2.6, 8 core E5-2650V2 2.6, or 12 core E5-2695V2 2.4 16/32 GB DDR3-1866 memory	K4000	Software Only Nitris DX Mojo DX

Qualified PC Hardware	Graphics Card	Supported with
Lenovo C30 Dual 6-core E5-2630V2 2.6, 8 core E5-2650V2 2.6, or 12 core E5-2695V2 2.4 16/32 GB DDR3-1866 memory	K4000	Software Only Nitris DX Mojo DX
HP z820 Dual 8 Core Intel Xeon E5-2665 2.4 GHz, Quad 6-core E5-2640 2.5 GHz	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Lenovo D30 Dual 6 core E5-2640 2.5Ghz or Dual 8 core E5-2660 2.2 GHz 16 GB DDR3-1600 memory	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Lenovo C30 Dual 6 core E5-2640 2.5GHz or Dual 8 core E5-2660 2.2 GHz 16 GB DDR3-1600 memory	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Dell T7600 Dual 8 core Intel E5-2665 2.4 GHz 16 GB DDR3-1600 memory, Dual 6-core E5-2630	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Dell T5600 Dual 6-core Intel E5-2630 2.2 GHz 16 GB DDR3-1600 memory, Dual 8-core 2665	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Lenovo ThinkStation E31, Intel Xeon E3-1245V2 3.40 GHz 8 GB DDR3-1600 RAM	NVIDIA Q600 or K600 HD4000	Software Only
HP z800 Dual 6 Core, 2.66 GHz	NVIDIA FX Quadro 3800 and Q4000	Software Only Nitris DX Mojo DX
HP Z440 6 or 8 core 3.0 Ghz or higher] 16/32 GB DDR4-2133 memory	NVIDIA K2200	Software Only Nitris DX Mojo DX
Dell 5810 6 or 8 core 3.0 Ghz or higher] 16/32 GB DDR4-2133 memory	NVIDIA K2200	Software Only Nitris DX Mojo DX
Lenovo P500 6 or 8 core 3.0 Ghz or higher] 16/32 GB DDR4-2133 memory	NVIDIA K2200	Software Only Nitris DX Mojo DX
HP Z420 6-core E5-1650 V2 3.5 Ghz 8/16 GB DDR3-1866 memory	NVIDIA K2000	Software Only Nitris DX Mojo DX

Qualified PC Hardware	Graphics Card	Supported with
Dell T3610 6-core E5-1650 V2 3.5 Ghz 8/16 GB DDR3-1866 memory	NVIDIA K2000	Software Only Nitris DX Mojo DX
Lenovo S30 6-core E5-1650V2 3.5 Ghz 8/16 GB DDR3-1866 memory	NVIDIA K2000	Software Only Nitris DX Mojo DX
HP z420 6-core Intel E5-1650 3.2 GHz 8 GB DDR3-1600 memory	NVIDIA Q2000 or K2000	Software Only Nitris DX Mojo DX
Lenovo S30 6-core Intel E5-1650 3.2 GHz 8 GB DDR3-1600 memory	NVIDIA Q2000 or K2000	Software Only Nitris DX Mojo DX
Dell T3600 6-core Intel E5-1650 3.2 GHz 8 GB DDR3-1600 memory	NVIDIA Q2000 or K2000	Software Only Nitris DX Mojo DX
HP z400 Single 6 Core 3.33 GHz	NVIDIA Quadro FX 3800 Quadro 2000	Software Only Nitris DX Mojo DX
Dell™ T5500 Dual 6 Core, 2.66GHz	NVIDIA Quadro FX 4800 Quadro 4000	Software Only Nitris DX Mojo DX
Dell T3500 Single 6 Core, 3.2GHz	NVIDIA Quadro FX 3800 Quadro 2000	Software Only Nitris DX Mojo DX
HP Z230 quad Xeon E3-1245V3 3.4 Ghz 8/16 GB DDR3-1600 memory Tower or SFF	K600 HD4600	Software Only
Lenovo P300 quad Xeon E3-1246V3 3.5 Ghz 8/16/32 GB DDR3-1600 memory Tower or SFF	K600 or K620 HD4600	Software Only
Lenovo E32 quad Xeon E3-1245V3 3.4 Ghz 8/16 GB DDR3-1600 memory Tower or SFF	K600 HD4600	Software Only
Dell T1700 quad Xeon E3-1245V3 3.4 Ghz 8/16 GB DDR3-1600 memory Tower or SFF	K600 HD4600	Software Only

Qualified PC Hardware	Graphics Card	Supported with
HP Z1 G2 All-in-one E3-1245V3 3.4 Ghz	K2100M	Mojo DX Thunderbolt
8/16 GB DDR3-1600 memory Thunderbolt	Intel HD4600	Software Only
Lenovo ThinkCentre Edge 93Z i7-4770S 3.1 Ghz 8/16 GB DDR3-1600 memory quad core All-in-One	Intel HD4600	Software Only
HP Z220 Quad Xeon E3-1245V2 3.4 GHz 8 GB DDR3-1600 memory (Tower or SFF)	Q600 or K600 HD4000	Software Only
HP Z1 Quad Xeon E3-1245V2 3.4 GHz 8 GB DDR3-1600 memory All-in-One	NVIDIA K1000M or HD4000	Software Only
Lenovo ThinkCentre Edge 92Z i7-3770S 3.1 Ghz 8 GB DDR3-1600 memory Quad core All-in-One	Intel HD4000	Software Only

Qualified PC Notebooks for Avid Media Composer

The following PC Notebooks are qualified with Avid Media Composer. The following applies to the editing system when running on a laptop:

- DNxHD capture is only supported on Mojo DX on a Quad core system with hyperthreading enabled. Nitris DX is not supported on laptops.
- Capture of 10 bit video for example, DNxHD 185x, is not supported on Mojo DX.
- Playback in full quality 10 bit mode is not supported

Qualified PC Notebooks	Graphics Cards	Supported With
HP Zbook 14" 2.1 Ghz dual core i7-4600U 1920x1080 - 8/16 GB 1600Mhz DDR3 Memory Ultrabook	Intel HD4400 FirePro M4100	Software Only
HP Zbook 15" - (Gen 2) 2.5Ghz and higher quad core i7 1920x1080 - 8/16/32 GB 1600Mhz DDR3 Memory thunderbolt	K1100M K2100M	Software Only
HP Zbook 15" 2.4 Ghz and higher quad core i7 1920x1080 - 8/16 GB 1600Mhz DDR3 Memory thunderbolt	K1100M K2100M	Software Only

Qualified PC Notebooks	Graphics Cards	Supported With
HP Zbook 17" (Gen 2) 2.5 Ghz and higher quad core i7 1920x1080 - 8/16/32 GB 1600Mhz DDR3 Memory thunderbolt	K2200M K3100M K4100M	Software Only
HP Zbook 17" 2.4 Ghz and higher quad core i7 1920x1080 - 8/16 GB 1600Mhz DDR3 Memory thunderbolt	K3100M K4100M	Software Only
Dell M3800 15" 2.3 Ghz and higher quad core i7 1920x1080 or 3200x1800 - 8/16/32 GB 1600Mhz DDR3 Memory Ultrabook	K1100M K2100M	Software Only
Dell M3800 15" 2.2 Ghz and higher quad core i7 1920x1080 or 3200x1800 - 8/16 GB 1600Mhz DDR3 Memory Ultrabook	K1100M K2100M	Software Only
Dell M4800 15" 2.5 Ghz and higher quad core i7 or higher 1920x1080 or 3200x1800 - 8/16/32 GB 1600Mhz DDR3 Memory	K1100M K2100M	Software Only Mojo DX
Dell M4800 15" 2.4 Ghz and higher quad core i7 1920x1080 or 3200x1800 - 8/16 GB 1600Mhz DDR3 Memory	K1100M K2100M	Software Only Mojo DX
Dell M6800 17" 2.5 Ghz and higher quad core i7 or higher1920x1080 - 8/16/32 GB 1600Mhz DDR3 Memory	K3100M K4100M K5100	Software Only Mojo DX
Dell M6800 17" 2.4 Ghz and higher quad core i7 1920x1080 - 8/16 GB 1600Mhz DDR3 Memory	K3100M K4100M	Software Only Mojo DX
Lenovo W541 15" 2.5 Ghz and higher quad core i7 15" 1920x1080 2880x1620 - 8/16/32 GB 1600Mhz DDR3 Memory Thunderbolt	K1100M K2100M	Software Only
Lenovo W540 15" 2.4 Ghz and higher quad core i7 15" 1920x1080 2880x1620 - 8/16 GB 1600Mhz DDR3 Memory Thunderbolt	K1100M K2100M	Software Only
Lenovo ThinkPad W530 "Intel Core i7-3720QM 2.6 GHz, i7-3820QM 2.7GHz, i7-3920XM 2.9GHz	NVIDIA Quadro K1000M or K2000M	Software Only Mojo DX

Qualified PC Notebooks	Graphics Cards	Supported With
HP 8770w i7-3720QM 2.6 Ghz, I7-3820QM 2.7Ghz, I7-3920XM 2.9GHz 17" 1920x1080 - 8 GB 1600MHz DDR3 Memory	NVIDIA Quadro K3000M or K4000M	Software Only Mojo DX
HP 8570w I7-3720QM 2.6GHz, i7-3820QM 2.7 GHz 15" 1920x1080 - 8 GB 1600Mhz DDR3 Memory	NVIDIA Quadro K1000M or K2000M	Software Only Mojo DX
Dell M6700 i7-3740QM 2.7 GHz 17" 1920x1080 - 8 GB 1600Mhz DDR3 Memory	NVIDIA Quadro K3000M or K4000M	Software Only Mojo DX
Dell M4700 i7-3740QM 2.7 GHz, 15" 1920x1080 - 8 GB 1600Mhz DDR3 Memory	NVIDIA Quadro K1000M or K2000M	Software Only Mojo DX
HP 8760w i7-2720Q, i7-2820Q 2.2 or 2.3 GHz	NVIDIA Quadro 3000M Quadro 4000M	Software Only Mojo DX
HP 8560w, i7-2720Q, 2820Q, 2.2 or 2.3 GHz 17” 1920 x1080	NVIDIA Quadro 1000M Quadro 2000M	Software Only
Dell M6600, i7-2720Q, 2820Q, 2.2 or 2.3 GHz 17” 1920 x1080	NVIDIA Quadro 3000M Quadro 4000M	Software Only Mojo DX
Dell M4600, i7-2720Q, 2820Q, 2.2 or 2.3 GHz 15” 1920 x1080	NVIDIA Quadro 1000M Quadro 2000M	Software Only Mojo DX

Qualified Macintosh Workstations for Avid Media Composer

The following Macintosh Workstations are qualified with the Avid Media Composer.

Qualified Macintosh Hardware	Graphics Cards	Supported With
Mac Pro 6 core 3.5 Ghz, 8 core 3.0 Ghz, 12 core 2.7 (Late 2013) 16/32 GB 1866Mhz DDR3 Memory Thunderbolt - no PCI-e slots	AMD FirePro D300, D500, and D700	Mojo DX (Thunderbolt) Software Only
Mac Pro “Westmere” Two 2.66GHz 6-Core Intel Xeon (12 cores)	ATI Radeon HD 5770	Software Only Nitris DX Mojo DX

Qualified Macintosh Hardware	Graphics Cards	Supported With
iMac 27" 4 GHz i7 or 3.5 Ghz i7 Quad core 8/16/32 GB with Retina 5k	AMD Radeon R9 M290X or M295X	Mojo DX (Thunderbolt) Software Only
iMac 27" 3.2, 3.4 GHz i5 or 3.5 Ghz i7 Quad core Late 2013 - Thunderbolt - 8/16 GB 1600Mhz DDR3	GeForce GTX 775	Mojo DX (Thunderbolt) Software Only
iMac 21.5" 2.9 GHz i5 or 3.1 Ghz i7 Quad core Late 2013 - Thunderbolt - 8/16 GB 1600Mhz DDR3	GeForce GT 750	Mojo DX (Thunderbolt) Software Only
iMac 27” 2.9GHz Quad-core Intel i5, 3.2Ghz Quad-core Intel i5, 3.4 GHz Quad Core Intel i7 (Late 2012)	NVIDIA GeForce GTX 660M or NVIDIA GeForce GTX 675MX	Mojo DX (Thunderbolt) Software Only
iMac 21.5” 2.9GHz Quad-core Intel i5, 3.1GHz Quad-core Intel i7 (Late 2012)	NVIDIA GeForce 650M	Mojo DX (Thunderbolt) Software Only
iMac 27” Display Quad Core 3.4 GHz (Mid 2011)	ATI 6970M	Mojo DX (Thunderbolt) Software Only
Mac mini 2.3/2.6GHz quad core Intel i7	Intel HD 4000	Mojo DX (Thunderbolt) Software Only
Mac Mini Server 2.0 GHz i7 Quad core Thunderbolt - 4GB 1333MHz DDR3	Intel 3000	Mojo DX (Thunderbolt) Software Only

Qualified Macintosh Notebooks for Media Composer

The following Macintosh notebooks are qualified with the current editing applications. The following applies to the editing system when running on a laptop.

- HD Capture on Macintosh notebooks is not supported
- Playback in full quality 10 bit mode is not supported

Qualified Macintosh Notebook	Graphics Cards	Supported With
MacBook Air 13" - 1.7 Ghz and higher i7 Dual-Core (Mid 2013) - Thunderbolt - 8 GB 1600Mhz DDR3L	Intel HD5000	Mojo DX (Thunderbolt) Software Only
MacBook Air 13" - 2.0 GHz I7 Dual-Core Thunderbolt - 8 GB 1600MHz DDR3L	Intel HD4000	Mojo DX (Thunderbolt) Software Only

Qualified Macintosh Notebook	Graphics Cards	Supported With
MacBook Pro 15" 2.3/2.6/2.7 GHz I7 (Late 2013) Quad-Core - Retina & Thunderbolt 8 GB 1600Mhz DDR3L Memory	HD5000 GeForce GT 750M	Mojo DX (Thunderbolt) Software Only
MacBook Pro 15" 2.3/2.6/2.7 GHz I7 (Mid/Late 2012) Quad-Core - Retina & Thunderbolt 8 GB 1600Mhz DDR3L Memory	HD4000 GeForce GT 650M	Mojo DX (Thunderbolt) Software Only
MacBook Pro 17" 2.2/2.3/ GHz Quad Core i7	6750M Intel 3000	Mojo DX (Thunderbolt) Software Only
MacBook Pro 15" 2.0/2.2/2.3GHz Quad Core i7	6490M 6750M Intel 3000	Mojo DX (Thunderbolt) Software Only

Compatibility Chart

The following table lists the NVIDIA® driver, QuickTime®, Windows Media™, shared storage, Sony® XDCAM™, Panasonic® P2, and Avid Artist Series versions that were qualified with the Avid editing applications.

Item	Versions	Comments
QuickTime Support	v7.7.6 (Windows) v10.x, (v7.x legacy) (Macintosh)	Note: QuickTime v10X does not include QuickTime Pro options.
Windows Media Version Support	Windows Media Player 12 (for Windows 7)	If you do not have Windows Media Player, access the download at www.microsoft.com. Windows Media export compatibility is subject to Microsoft Windows Media updates.
Avid Interplay Support	See Knowledge Base article on compatibility.	Media Composer 8.3.1 is not supported in an Interplay environment.
NVIDIA Driver Support	v340.84	See “Setting up the NVIDIA Card” on page 23. For setting up the driver for stereoscopic, see the NVIDIA setup info in the Stereoscopic 3D Workflow Guide.
Shared Storage Support	Avid Unity ISIS®.	See “Shared Storage Support” on page 24.
Sony XDCAM driver	v2.13 (XDCAM Transfer for Macintosh) Windows FAM v2.3.2 and VFAM v5.0.2	The VFAM firmware version for PDW-U1 is 2.600. The PDW-U2 is 2.810. The driver can be downloaded from Sony's website http://esupport.sony.com/.
Panasonic P2 drive	(Macintosh) v3.1.7 (Windows) v2.24	There is currently no P2 writeback support for Macintosh clients.
Avid Artist Series (Euphonix)	EuControl software v3.1.3 or later	See the User’s Guide for information on Artist Series Color setup information.

Avid Editing Application Compatibility with Pro Tools

General Co-Installation Notes:

- Install Pro Tools first and then Media Composer.
- You must uninstall all older versions of Media Composer or Pro Tools before installing newer versions.
- Co-install does not support both applications launched simultaneously.
- When you uninstall Pro Tools, choose to uninstall just the application and not the audio drivers or the editing application no longer sees the devices. On a Macintosh Pro Tools 10 system, this is named the “Safe Uninstall.” On a Macintosh Pro Tools 11 system no uninstallation is required. On a Windows Pro Tools 10 or 11 system, you must select the first uninstall option - “Pro Tools Only” - which is not selected by default.
- Mojo SDI will not be supported with Media Composer or Pro Tools 11, but can still be connected in a co-install configuration for use with Pro Tools 10.
- If you install and configure Avid Mojo DX or Nitris DX hardware on your system, the editing application does not use any connected Pro Tools audio device for audio input/output operations. You can also use these audio devices with a software-only version of your Avid editing application.
- If you run into any issues, uninstall both applications and reinstall Pro Tools first, and then reinstall your editing application.
- Media Composer v5.0 and later and Pro Tools v8.0.3 and later do not include support for the Original Mbox. If you want to use the Original Mbox, you should use Media Composer v4.x and Pro Tools v8.0.1 instead.
- If you want to install your Avid editing application on a system with the Pro Tools Avid Video Engine installed, you must use one of the following configurations:
    - Media Composer v5.5/NewsCutter v9.5 and later with Pro Tools v9.0 or later.
    - Media Composer v5.0.x/NewsCutter v9.0.x with Pro Tools v8.5 or earlier.

Co-installation Configurations and Audio Device Support

Avid Pro Tools Applications

Pro Tools Product	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Pro Tools Software Only	Co-install	Co-install	Co-install
Pro Tools|HD Native	Co-install/ Audio Device	Co-install	Co-install
Pro Tools|HD	Co-install/ Audio Device	Co-install	Co-install
Pro Tools|HD, with chassis	Not Tested	Not Tested	Not Tested

Avid Mbox Family Audio Devices (3rd Generation)

Audio Device (Interface)	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Mbox (USB)	Co-install/ Audio Device	Co-install	Co-install
Mbox Pro	Co-install/ Audio Device	Co-install	Co-install
Mbox Mini (USB)	Co-install/ Audio Device	Co-install	Co-install

Avid Mbox 2 Family Audio Devices

Audio Device (Interface)	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Mbox 2 (USB)	Co-install/ Audio Device	Co-install	Co-install

Audio Device (Interface)	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Mbox 2 Pro (1394)	Co-install	Co-install	Co-install
Mbox 2 Mini (USB)	Co-install/ Audio Device	Co-install	Co-install
Mbox 2 Micro (USB)	Co-install	Co-install	Not tested

Other Avid Audio Devices

Audio Device (Interface)	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Digi 002 (1394)	Co-install/ Audio Device (Windows)	Co-install	Co-install
Digi 003 (1394)	Co-install	Co-install	Co-install
Eleven Rack (USB)	Not Supported	Not Supported	Not Supported
Fast Track Pro (USB)	Audio Device	Not Supported	Not Supported

External Controllers

Your Avid editing application supports the following external fader controllers or mixers for automation gain and pan recording or as control surfaces:

- Digi 002 (Windows only)
- Command|8
- Avid Artist Control
- Avid Artist Mix

- Avid Artist Transport
- Avid Artist Color

External controllers or mixers are optional. They are not required for you to perform automation gain or pan recording on an Avid editing system.

The following table compares Avid external controllers and mixers.

Feature	Digi 002 (MC only)	Command|8	Avid Artist Control	Avid Artist Mix	Avid Artist Transport	Avid Artist Color
Control surface for transport controls and other functions	Yes	Yes	Yes	Yes (transport only, no soft keys)	Yes	Yes
Provides audio play, input, and output	Yes	No	No	No	No	N/A
Record automation gain	Yes	Yes	Yes	Yes	No	N/A
Record automation pan	Yes	Yes	Yes	Yes	No	N/A
Flying faders	Yes (8)	Yes (8)	Yes (4)	Yes (8)	No	N/A
Touch-sensitive faders	Yes	Yes	Yes	Yes	No	N/A
Touch-sensitive panners	No	No	Yes	Yes	No	N/A
Solo/mute	Yes	Yes	Yes	Yes	No	N/A
Supports audio mixing	No[a]	No	No	No	No	N/A
Latch mode (also known as Snap mode)	Yes	Yes	Yes	Yes	No	N/A
Number of steps of fader accuracy	1024	1024	1024	1024	Not applicable	N/A

a. The Digi 002 can be used as a standalone audio mixer but not at the same time as it is being used as an automation gain or automation pan controller or control surface.

For more information on using these external fader controllers or mixers, see “Recording Automation Gain or Automation Pan Information” in the Help.

Setting up the NVIDIA Card

To set up the NVIDIA card, you must make sure you have the correct display driver version (install the display driver if necessary, and set the correct display settings. See the “Compatibility Chart” on page 18 for information on the supported driver(s).

Prior to setting up the NVIDIA card, check to make sure you have the correct display driver version. If you do not have the correct NVIDIA driver, you can install it from the Utilities folder that installs with your Avid application.
Installation files for these drivers are installed in the folder Program Files\Avid\Utilities\nVidia.

To check the NVIDIA display driver version:

1. Right-click the Desktop and select NVIDIA Control Panel. You can also open the Windows Control Panel and double-click the NVIDIA Control Panel icon.
2. Click System Information at the bottom left corner of the NVIDIA Control Panel.

   The version number is listed in the Graphics card information section on the ForceWare version line.

To install the NVIDIA display driver:

1. Navigate to Program Files\Avid \Utilities \nVidia and double-click the folder that corresponds to your operating system.
2. Double-click the file for the applicable driver.
3. Follow the on-screen instructions, and then restart your system.

To setup multiple displays:

1. Right-click the Desktop, and select Nvidia Control Panel.
2. In the settings window in the left of the window, click Set up multiple displays.
3. Select or deselect the desired monitors listed.

To set the Driver for Avid Editing Environments

1. Right-click the Desktop, and select Nvidia Control Panel.
2. Click Manage 3D Settings.

3. Click the Global Setting tab.
4. Under Global presets, select Base Profile.
5. Scroll to locate the Power Management Mode. Select Prefer maximum performance.
6. Click Apply.

Reboot after installing the Nvidia software even if you are not prompted to do so.
Never use the Windows “roll back driver” feature on the Nvidia driver. The driver version must match the rest of the components the Nvidia installer installs.

Shared Storage Support

The editing application has been tested in a shared storage environment with the following.

Editing Application Operating System	ISIS Clients	ISIS | 2500-2000 Server ISIS | 5500-5000 Server ISIS | 7500-7000 Server
Windows 8	v4.5, v4.6.1, v4.7, v4.7.3	v4.2.2 Kit, v4.5, v4.6.1, v4.7, v4.7.2, v4.7.3
Windows 7 64-bit	v4.2, v4.5, v4.6.1, v4.7, v4.7.3	v4.2.2 Kit, v4.5, v4.6.1, v4.7, v4.7.2, v4.7.3
Macintosh Yosemite v10.10	v4.7.4	v4.7.4
Macintosh Mavericks v10.9	vv4.6.1, v4.7, v4.7.3	v4.2.2 Kit, v4.5, v4.6.1, v4.7, v4.7.2, v4.7.3
Macintosh Mountain Lion v10.8.x	v4.2, v4.5, 4.6.1, v4.7, v4.7.3	v4.2.2 Kit, v4.5, v4.6.1, v4.7, v4.7.2, v4.7.3

Feature Performance

A number of features in this editing application are processor-intensive. As a result, you might experience problems if you are working on an older system. The following chart shows the hardware that Avid has successfully qualified when using these features. For a list of the qualified systems, see Qualified Workstations and Laptops.

Feature	Description	Recommended System
Editing High Resolution, High Frame Rate Media (UHD/4k in 59.94p)	16 GB RAM minimum, 32 GB recommended	HP Z820, HP Z840, Dell 7810, Dell 7910, Lenovo P900, Lenovo P700 • Dual 8 core (32 cores with Hyperthreading), • Dual 10 core (40 cores with Hyperthreading), • Dual 12 core (48 core with Hyperthreading) • NVIDIA 5200 PCIe Gen3 Gfx card (recommended) • NVIDIA 4200 Mac Pro • 12 core (24 with Hyperthreading) 3 GHz • Dual AMD FirePro 500/700 Graphics card Storage: 10Gb Ethernet ISIS
Editing High Resolution Media (Higher than 2K+)	16 GB RAM minimum	Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading
DMF and Background Transcode, Background Render	8 GB RAM minimum. 16 GB RAM recommended	Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading
J2K Capture		Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading

Feature	Description	Recommended System
HD Long GOP 9-way MultiCam with high stream count sequences	Avid recommends 16 GB RAM	Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading Storage: 10Gb Ethernet ISIS,
Stereoscopic 3D	For optimal performance with Stereoscopic 3D, use these higher performance systems. Avid recommends a minimum of 12GB RAM when using Stereoscopic 3D.	Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading
XDCAM HD50 Capture	Baseband capture through Nitris DX, Mojo DX	Qualified systems
HD RGB 4444 ProRes 4444 DNxHD 4444	HD RGB capture requires a high end workstation with Nitris DX and fast storage.	Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading Storage: 10Gb Ethernet ISIS,
AMA (RED)	AMA is a processor intensive operation. Older platforms may not offer optimum performance. you will get better performance with higher end workstations.	Qualified Xeon Workstations
AMA (QuickTime)	AMA is a processor intensive operation. Lower end platforms may not offer optimum performance. Highly compressed codecs such as H.264 will exhibit minimal real-time performance.	Recommendation of qualified systems depends on your planned use of this feature. Heavy usage of highly compressed codecs requires the high end systems. (Dual 6 Core or Dual 8 Core systems)
AVCI-Intra	AVC-Intra(AVC-I) is a high quality, low bit-rate HD codec and is very CPU intensive.	**4-Way MultiCam Playback** Dual Quad Core, Dual 6 Core or Dual 8 Core Systems **Four Stream Playback:** Dual Quad Core, Dual 6 Core or Dual 8 Core Systems

Limitations

The following limitations apply to the current version of the editing application.

AMA

- **Bug Number:** MCDEV-2. BlackMagic files greater than HD will not link inside Media Composer using the Avid QuickTime Plug-in unless the Black Magic Design Desktop Video Software is installed. Access www.blackmagicdesign.com for information on the Black Magic Design Desktop Video Software.

- **Bug Number:** . Since a given file type may be supported by multiple AMA plug-ins, for best results choose a specific AMA plug-in rather than Autodetect when performing an AMA Link to File. When performing an AMA Link to a volume, Autodetect will normally select the correct plug-in, but if it doesn't, choose a specific AMA plug-in and perform the AMA Link to volume again.

- **Bug Number:** UDevC00182286. When performing an AMA link to MXF media, you should not select the Autodetect plug-in option. Choose the applicable plug-in to perform the AMA Link to File.

- **Bug Number:** UDevC00179996. If you load an AMA-linked clip into a monitor, then enable Dynamic Relink and set the Preferred media format in the Dynamic Relink Settings dialog box to “Any native media,” the media displays as offline. This is as designed. If there is no native MXF or OMF media to display, the AMA-linked clips only display when you select AMA as the preferred media format.

- **Bug Number:** UDevC00178140, UDevC00180089. If you are AMA linking BlackMagic Cinema Camera DNxHD movies, these files link as Matte Key effects rather than master clips. Therefore these files cannot be transcoded. To workaround this, open Import Settings, and in the Image tab set Alpha Channel to Ignore.

- **Bug Number:** UDevC00180039. Media Indexer limitation: When you check in an AMA file, the system does not create .spaaf files if the workspace for .spaaf files is not mounted correctly on the ISIS client. Before you begin to check the AMA files into Interplay, you must manually create the top level folder for the .spaaf files and configure the Media Indexer to index that folder. Avid recommends that you dedicate a specific workspace for the spaaf files. The spaaf workspace on ISIS must be mounted and accessible by the editing user on the editing machine. On a Mac OS X system, the workspace must be mounted using the same name as the workspace. The checkin will fail if this condition is not met.

The following shows mount point examples for a workspace named “spaafFiles”:

- Correct: /Volumes/spaafFiles
- Incorrect: /Volumes/spaafFiles1

The incorrect mount point can occur if you have duplicate workspace names. The ISIS client adds a digit to a workspace name if it encounters a duplicate name. This can happen if you have two ISIS systems. Avoid duplicate workspace names.

➤ **Bug Number:** UDevC00179925. AS-11 export currently does not include a data track in the resulting file.

➤ **Bug Number:** UDevC00178051. Do not enable Audio Waveforms if you are AMA linking to Arri clips.

➤ **Bug Number:** UDevC00178650. XDCAM AMA linked files might not appear in the Media Tool. XDCAM AMA linked volumes do appear in the Media Tool.

Application Manager

➤ **Bug Number:** AMPT-1727. The APPS and Feeds tab remain empty after you license via a Floating License.

➤ **Bug Number:** AMPT-1808. Daily notification of a support contract expiration starting 7 days prior to expiration is not currently working.

➤ **Bug Number:** AMPT-1030. When deactivating the editing application and performing an upgrade, the System ID is not automatically pre-populated in Application Manager. For information on locating your system ID, see the Installation Guide.

➤ **Bug Number:** AMPT-1731. The trial period for New Blue Titler 2 does not display in Application Manager.

➤ **Bug Number:** AMPT-1719. Updating New Blue Title 1 in Application Manager should be allowed without an active subscription.

Avid Artist Color

➤ **Bug Number:** UDevC00157064. Some soft keys do not light up when you use the Avid Artist Color with your Avid editing application, including the following:

- HSL Shift Layer: all soft keys
- HSL Bank 2 Shift Layer: all soft keys

- Curves: F8 and F9 soft keys
- Curves Shift: F1, F3, F6, and F9 soft keys
- Secondary: F2, F7, F8, and F9 soft keys
- Secondary Shift: all soft keys

The soft keys listed above function normally even when they do not light up.

➤ **Bug Number:** UDevC00163957. Hue offset color wheels might not appear when you use Artist Color to enter Color Correction mode the first time after start your Avid editing application. Any parameter update will draw them.

Workaround: When you make any change in a parameter in the Color Correction tool, the color wheels appear.

➤ **Bug Number:** UDevC00156948. (The F2 soft key (Next HSL Subtab) does not function until after you apply a color correction to your footage. If you press F2 (Next HSL Subtab) on the Artist Color surface before you apply a color correction, you get a system beep and the subtab does not change.

➤ **Bug Number:** UDevC00157932. If you use the HSL shift control for trackballs, you might see the trackballs controlling the wrong monitor during shuttle. For example, if you press Shift and then use the right trackball to shuttle, and then move either the left or the center trackball, you might see the other trackballs now control the right monitor.

➤ **Bug Number:** UDevC00164772. When you first ope n the Color Correction tool, either with the Artist Color or with the mouse, incorrect color correction values might display in parameter fields. This problem is intermittent, and it does not occur after you change a parameter value.

Workaround: Adjust any parameter. The correct values display in the Color Correction tool.

➤ **Bug Number:** UDevC00164954. (Macintosh only): The EuControl application does not open when you select Edit Settings in the Controller Settings dialog box. To configure your EUCON device, you must open the EuControl application by clicking the EUCON icon in the dock, and then selecting Window > EuControl Settings.

Background Render

➤ **Bug Number:** UDevC00186139 . We do not support AMA linked QuickTime media with alpha in Background Render.

Background Transcode

- **Bug Number:** UDevC00178938. The Background Queue window might stop refreshing intermittently. Select Open Background Queue window from the task bar (Windows) or menu bar (Macintosh) to view the background status in a browser.

- **Bug Number:** UDevC00180218. If you perform an ‘alldrives’ Console command and mount a network drive, a background transcode will not be successful to the mounted network drive. A foreground transcode will transcode successfully.

Capture

- **Bug Number:** UDevC00181736. If you are on a Windows 8 system, you might notice a slight stutter while recording (or in Capture Mode) but the video will record without any skips or dropped frames.

Compatibility

- **Bug Number:** MCDEV-975. Mojo hardware does not support projects with RGB. You will receive the message “Current hardware is not compatible with this project’s settings and is being switched to inactive.”

- **Bug Number:** MCDEV-2425. If you have a bin with AMA linked QuickTime in Media Composer v8.3 and you open the bin in Media Composer v7.0.4.1, the editing application crashes. The bin opens successfully in Media Composer v8.2. A future v7.0.4. release will support opening an 8.3 bin with AMA linked QuickTime.

- **Bug Number:** . Software viewers and fullscreen playback is limited to 8 bits.

- **Bug Number:** MCDEV-1093. When working with some HDMI monitors and higher than HD media, switching focus from the editing application, to the desktop and then back to the editing application might result in a delay before the image displays on the client monitor.

- **Bug Number:** MCDEV-2160. Weblists in the List Tool are supported in Safari and Internet Explorer browsers.

- **Bug Number:** MCDEV-2365. When using a trial version of the Sapphire plug-in, the editing application will crash. You can apply a Sapphire effect with a non-trial version of the plug-in.

- **Bug Number:** MCDEV-348. (Mac) With some versions of the Mac OS, if you open the Title Tool, select Help and type any text to the Search field and then select, Show All Help Topics, the Title Tool will crash. To open the Help from within the Title Tool, select Help and choose Contents. The Media Composer Help will open to the “Creating Titles” topic.

- **Bug Number:** MCCET-206. (Mac) In some instances, when Matrox drivers are installed on your system, you might receive a beachball when using the Color Picker. If this occurs, type the following in the Console Window: useCrossPlatformColorPicker 1

- **Bug Number:** . When transcoding LogC AMIRA clips that have embedded LUTs, and you decide not to apply the color transformations during the transcode, the color metadata will be carried forward in the new clip but the AMIRA LUT won’t be embedded in the new clip. This will then lead to improper colors when looking at the transcoded clip since the required LUT won't be available.

  Workaround: Use the original AMIRA clip or transcode with “apply color transformations” enabled

- **Bug Number:** UDevC00166431. You might receive AMPI Subsystem errors when launching the editing application. Avid recommends that you refer to the following Knowledge Base article for information on possible causes.
  http://avid.custkb.com/avid/app/selfservice/search.jsp?DocId=377091

- **Bug Number:** UDevC00185899. (Macintosh) You can not open the editing application Help in Google Chrome. Use a browser such as Safari or Mozilla to open the help.

- **Bug Number:** UDevC00151588. You must have the MediaNetwork client installed on your system in order to play linked AMA clips from the MediaNetwork shared storage.

- **Bug Number:** . The Standalone Transfer Manager will be supported with this release, except for compatibility with Airspeed Classic and Open I/O devices.

- **Bug Number:** UDevC00173830. When attaching and detaching the Nitris DX hardware the system might restart.

Dynamic Media Folder (DMF)

- **Bug Number:** UDevC00180779. If you select the QuickTime folder plug-in from the DMF drop down menu and attempt to link to QuickTime files inside the DMF watch folder, an error message will occur stating the files cannot be linked and the DMF process will terminate.

  Workaround: Select the Autodetect AMA Plug-in from the DMF drop-down menu to link to QuickTime files and/or folders.

➤ **Bug Number:** . If you are using a removable drive or reader as a DMF watch folder, make sure that “Automatically AMA-link to volumes” is deselected in the AMA Settings.

➤ **Bug Number:** . The following media types are not currently supported with Dynamic Media Folders in Media Composer:

- Uncompressed 8bit and 10b QuickTime files
- QuickTime files that include an alpha channel
- Sony XDCAM-EX

Effects

➤ **Bug Number:** . You cannot import a Matte that does not match the project frame rate.

➤ **Bug Number:** . sSource settings are not available for matte keys.

➤ **Bug Number:** . AVX 1 effects are no longer supported and will not be recognized in this latest version of Media Composer. Please contact the respective 3rd-party plug-in vendor for an AVX2 64-bit version of any existing plug-in that you might have purchased. The following Avid AVX1 effects will automatically be promoted to AVX2:

- Avid Pan & Zoom
- Region Stabilize
- RGB Keyer

When you load a previously-generated sequence containing one of these effects, they will automatically be promoted to new corresponding AVX2 effects. These effects will not be recognized by earlier versions of Media Composer.

➤ **Modifying Pan Values in the Timeline**: You can display different pan values in the Timeline for different audio tracks by clicking the Clip Gain/Pan button in the Track Control panel and selecting one of the pan value options. However, if you want to manipulate pan control points (either adding a keyframe or adjusting a keyframe), you must make sure all audio tracks display the same pan values. To do this, Alt+click the Clip Gain/Pan button in the Track Control panel for any audio track and select a pan value option.

High Resolution

➤ **Bug Number:** . In a greater than HD project, if you have selected Proxy Timeline in the Format tab and are in YCbCr Color Space, the only resolution available for media creation is DNxHR LB.

- **Bug Number:** . If your project is set to RGB Color Space, Proxy Timeline is not available. You can however, transcode to proxy dimensions. In RGB Color Space, only DNxHR 444 is available for media creation.

- **Bug Number:** . In an HD project, if you want to transcode the source media to DNxHR and keep the original size (for example, to create 2K DNxHR), you need to temporarily change the project raster (to anything larger than HD) so that the DNxHR codec is available in the transcode menu. Once completed, switch back the project to HD.

- **Bug Number:** . Pro Tools does not yet support higher than HD sequences. You must do an HD mixdown of your tracks before sending the sequence to Pro Tools.

iXML Metadata in BWAV Files

- **Bug Number:** . Multi-channel track identification information is not read from iXML

- **Bug Number:** . Markers in the iXMl are not imported when the file is linked.

- **Bug Number:** . Implied channel group information by file name pattern, as used by the audio import code, is not available when using the WaveAIFF AMA.

- **Bug Number:** . Channel group information, the iXML data that is used to group multiple mono files into a single clip, is not interpreted. To workaround this, reconstruct the channel groups manually with AutoSync.

  To reconstruct the multi-channel track identifications, set in the AMA setting link options for Multichannel audio prior to linking, or edit afterward with multi-channel audio pane of clip menu “modify” dialog.

Output

- You cannot control down/cross conversion from the Video Output Tool when in TrueP mode for 1080p projects or when you are in Stereoscopic mode.

  Workaround: When in stereoscopic mode or have True Progressive output set for 1080p projects, the down-convert and cross-convert options are not available. To output at a rate different than the project format, go to the Format tab and change the output project setting.

Performance

- **Bug Number:** UDevC00179008. Foreground performance of the application could be impacted while waveforms cache for systems attached to XDCAM EX device.

Play

- **Bug Number:** MCDEV-2046. You might see dropped frames playing back DNxHR HQX media with hardware output downconvert, in Full Quality 10-bit mode.

  Workaround: Playback DNxHR HQX in Full Quality (green/green) 8-bit mode.

- **Bug Number:** MCDEV-1976. You might see dropped frames working in 4K high frame rate projects and Multicam. We will improve the performance in a future release.

- **Bug Number:** UDevC00153838. You might receive an “Exception: The sequence or one of its source elements is too long to be played” error if you have a sequence over 12 hours.

- **Bug Number:** MCDEV-2210, MCDEV-2299, MCDEV-2298. When working in higher than HD projects, playing back AMA linked high-framed media in full quality mode (green/green) or proxy mode might not playback smoothly.

  Workaround: Set the playback quality mode to Draft Quality mode (yellow/green) or Best Performance mode (yellow/yellow).

QuickTime

- **Bug Number:** . If you are performing a QuickTime AMA workflow with Adobe After Effects, there is a difference in how the roundtrip works with the new DNxHR compression compared to the DNxHD compression. See “QuickTime AMA Workflow with Adobe After Effects” on page 37.

- **Bug Number:** UDevC00159820. QuickTime Reference movies are not supported by QuickTime Player X. They are still supported in QuickTime Player 7 on the Macintosh. They are also not supported in QuickTime version 7.6.9 on Windows.

Stereoscopic 3D

- A software developer's kit is now available for 3rd-party partners who would like to build AMA plug-ins, AVX2 effects, or develop applications that support stereoscopic 3D media/sequences compatible with Avid Media Composer. This developer's kit is available on the Avid website.

- 720p Stereoscopic projects are not currently supported with Open I/O hardware from 3rd-party vendors.

- **Bug Number:** UDevC00164741. If a rolling title is used in an Over\Under stereo project, you may get the wrong scaling and cropping of lines.

- Stereoscopic projects are not supported on Avid Interplay.
- NVIDIA 3D Vision
  - Avid currently only supports the NVIDIA 3D Vision Home bundle (which includes the 3D glasses, emitter hub and display monitor). The 3D Vision Pro has not been successfully tested.
  - Full screen playback on an NVIDIA 3D Vision monitor is only supported on a Windows system.
  - Due to an NVIDIA driver issue, the first time that the full screen play window appears, the application will resize to a single monitor. Resize the application as necessary. You can reset your window positions by clicking on a toolset in the menu.
- **Bug Number:** UDevC00161499. Ancillary data output is not supported if you are working in full stereoscopic format.

Timeline

- **Bug Number:** MCDEV-2421. If you edit a clip into the Timeline with classic markers, then perform an Undo and a Redo, the system might crash.
- **Bug Number:** UDevC00164751. If you have a sequence loaded in the Timeline, and you have waveforms on, clicking or dragging in the Timeline does not stop the waveform from drawing.

  Workaround: Hold Cmd + . to stop the waveform from drawing.

Titles

- **Bug Number:** . Titles created with NewBlue are not currently real-time.
- **Bug Number:** . Dropping a NewBlue (or any filter) between an IN-OUT does not respect the In-OUT, you need to create some edit points to mark the duration.
- **Bug Number:** UDevC00176468. (Macintosh) Icelandic characters are not supported when working with the Title Tool. As a workaround, you can use the NewBlue Titler Pro plugin which does support Icelandic characters.

XDCAM

- **Bug Number:** UDevC00177208. XDCAM Multicam media might appear choppy in the Source/Record monitors when you perform reverse playback with the J key.

- **Bug Number:** . You cannot export an XDCAM clip or sequence that is less than 2 seconds long.

User Interface

- **Bug Number:** UDevC00162819. You cannot copy and paste timecode values into the Source or Record monitors. To enter timecode in the monitors, select the monitor and then type in the appropriate timecode values.

- **Bug Number:** UDevC00164678. You can drag audio keyframes past adjacent audio keyframes. Moving an audio keyframe past another keyframe causes the keyframes to swap values. For example, set volume levels on two audio keyframes: Keyframe A for low volume (left keyframe) and Keyframe B for high volume (right keyframe). If you then drag Keyframe A to the right of Keyframe B, Keyframe A now displays the higher volume level.

- **Bug Number:** UDevC00164995. (Macintosh only) If you load a group clip into the Source monitor while in MultiCamera mode, the monitor displays the clip as if MultiCamera mode is still selected, although the action of loading the group clip actually causes the Avid editing application to enter Source/Record mode. If you play back the clip, you only see the linecut and cannot perform MultiCamera edits.

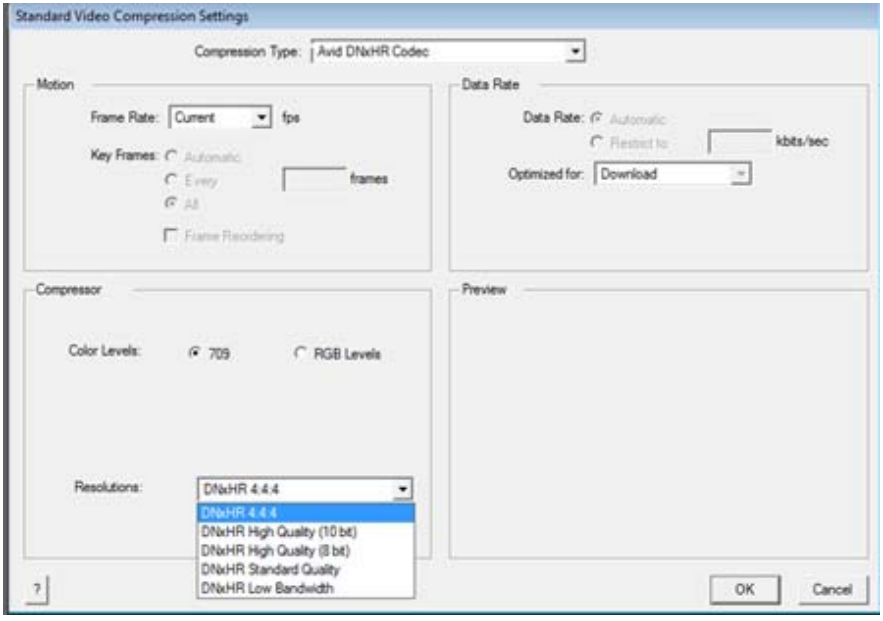
  Workaround: To turn off the Multicamera mode display, select Special > Multicamera Mode, and make sure MultiCamera Mode is not selected.

- **Bug Number:** UDevC00165159. (Macintosh only) If you render a sequence containing a title by selecting Clip > Render In/Out or by right-clicking the sequence and selecting Render In/Out, the progress bar displaying the status of the render operation does not update and the application appears to become unresponsive. However, even though the progress bar does not advance, the rendering operation continues. When it completes, the progress bar closes.

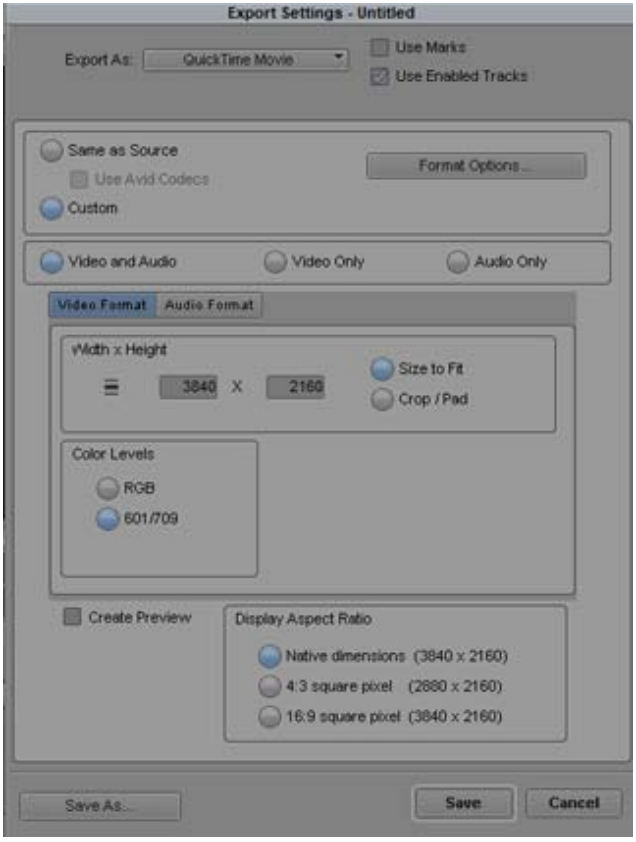
QuickTime AMA Workflow with Adobe After Effects

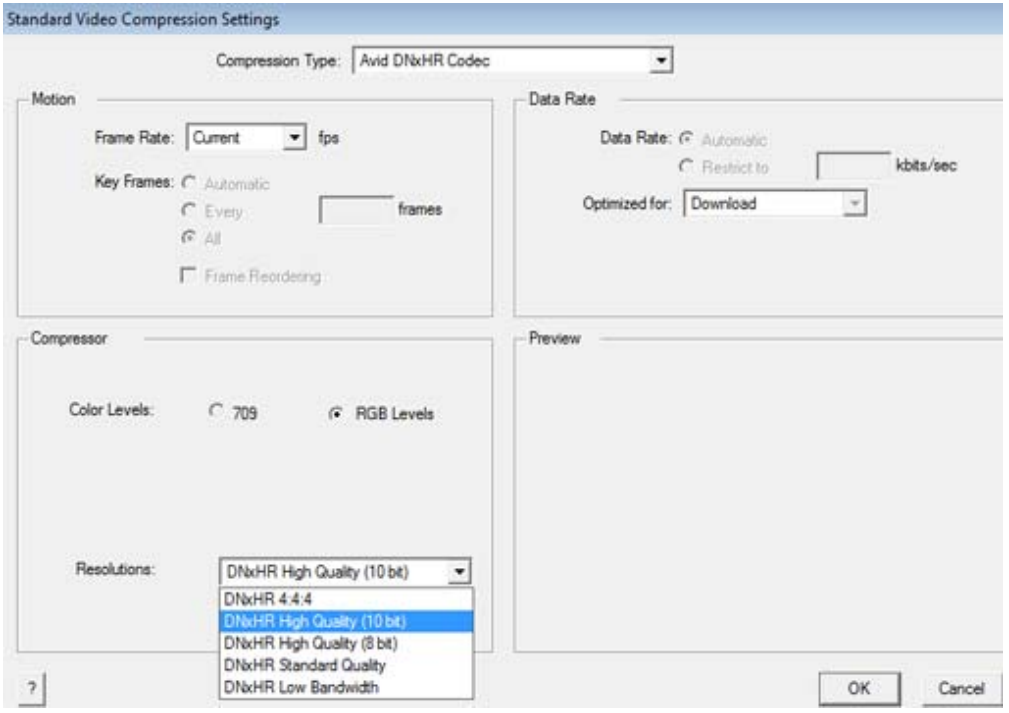
If you are performing a QuickTime AMA workflow with Adobe After Effects, there is a difference in how the roundtrip works with the new DNxHR compression compared to the DNxHD compression. DNxHD has only RGB color space. DNxHR has both RGB and YCbCr. Adobe After Effects works in RGB color space only. In order to save image colors during roundtrip, you need to make sure to set the appropriate color level settings.

- **If you are working with RGB**, in the Standard Video Compression Settings dialog, select the Avid DNxHR Codec and the DNxHR 4:4:4 resolution.



- **If you are working with YCbCr**, make sure to set “601/709” in Export Settings window and the Color Levels to “RGB” in the Standard Video Compression Settings window, select the Avid DNxHR codec and the specific DNxHR Resolution, for example, DNxHR High Quality 10 bit, High Quality 8 bit, Standard Quality, or Low Bandwith.


Export Settings - Untitled
Export As:
QuickTime Movie
Use Marks
Use Enabled Tracks
Same as Source
Use Avid Codecs
Custom
Format Options...
Video and Audio
Video Only
Audio Only
Video Format
Audio Format
Width x Height
3840
X
2160
Size to Fit
Crop / Pad
Color Levels
RGB
601/709
Create Preview
Display Aspect Ratio
Native dimensions (3840 x 2160)
4:3 square pixel (2880 x 2160)
16:9 square pixel (3840 x 2160)
Save As...
Save
Cancel


Standard Video Compression Settings
Compression Type:
Avid DNxHR Codec
Motion
Frame Rate:
Current
fps
Key Frames:
Automatic
Every
frames
All
Frame Reordering
Data Rate
Data Rate:
Automatic
Restrict to
kbits/sec
Optimized for:
Download
Compressor
Color Levels:
709
RGB Levels
Resolutions:
DNxHR High Quality (10 bit)
DNxHR 4:4:4
DNxHR High Quality (10 bit)
DNxHR High Quality (8 bit)
DNxHR Standard Quality
DNxHR Low Bandwidth
Preview
?
OK
Cancel

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